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Soil characteristics appear to dominate earthworm abundance and metal bioaccumulation in contaminated floodplain soils.

833 BIOCHEM–ORCHESTRA: A tool for evaluating chemical speciation and ecotoxicological impacts of heavy metals on river flood plain systems
J.P.M. Vink, J.C.L. Meeussen

A diagnostic risk-assessment tool for heavy metals, based on biotic and abiotic interactions, compares risks under different environmental scenarios.

842 Future climate scenarios and rainfall–runoff modelling in the Upper Gallego catchment (Spain)
C.M. Bürger, O. Kolditz, H.J. Fowler, S. Blenkinsop

Future climate change and data-based rainfall–runoff predictions are presented for the Upper Gallego.

855 Development of a regional hydrologic soil model and application to the Beerze–Reusel drainage basin
O. Kolditz, Y. Du, C. Bürger, J. Delfs, D. Kuntz, M. Beinhorn, M. Hess, W. Wang, B. van der Grift, C. te Stroet

A real case application of concept of regional hydrologic soil modelling is presented.

867 Challenges of linking scientific knowledge to river basin management policy: AquaTerra as a case study
A.F.L. Slob, M. Rijnveld, A.S. Chapman, P. Strosser

Using scientific output in River Basin Management requires researchers and policy makers to acknowledge the multiple rationalities and different viewpoints that are brought in by the variety of stakeholders involved.

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